Lancaster Farming

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Directors Plan 1965 Soil Consv.

At their annual planning meeting, held at the Production Credit Bldg in Lancaster, the district directors met with members of the cooperating state and federal agencies.

Applications for five new cooperators were accepted unaminously They were· Ira B Heistand, R D 3, Elizabethtown; Gerald L Snavely, R.D. 1, Lititz, Jacob N. Good, R D. 2, Denver; Robert G. Hostetter, R D. 3. Elizabethtown; Samuel S Martin, R D. 1, Ephrata.

The annual meeting and banquet will be held in the Quarryville area, probably at the Solanco High School. The date is still open, but will be in the latter part of February or early Marcth

It was decided by the directors that their annual report would again be published in Lancaster Farming this year since this source seemed to give them better farm coverage than they could otherwise obtain.

A proposed budget was discussed, and it was felt that it would come within about $100 of this year's figure.

The 1965 goals set for the soil conservation district by the directors included: hold ten watershed meetings; obtain district clerical help; revise associate directors list; have the cooperating agencies be required to attend only specific meetings with their reports; select an outstanding cooperator; have coordinating meetings with county planning commission; enter the Goodyear Contest; review the long-range plans of other districts with the idea of designing one for Lancaster County.

Improve and develop working relations with women's clubs, farm youth organizations, and others; more promotion of the merits of conservation; continue and promote the P. H Gladfelter tree-distribution program; tour of cooperators' farms for the

(Continued on Page 6)

JOHN FREY, TWIN OAKS FARM, QUARRYVILLE, shown with his prize Angus steer, "T. O. LADDIE", after winning the champion Angus and grand champion steer in the junior division, and reserve grand champion steer at the Pennsylvania Livestock Exposition. L. F. Photo

Holstein Ass'n Elects Officers

By Everett Newswanger
Staff Reporter

Roy Book, Ronks R1 was elected president of the Lancaster County Holstein Association at a recent reorganization meeting. Roy was formally Vice President of the 511-member breed organization.

Filling the vacancy left by Book's promotion is Clarence Stauffer, Ephrata.

Reelected to another term of office are Donald Eby, Gordonville, Secretary, and Daniel Martin, Manheim, Treasurer

Receiving special assignments from the 9-member board of directors are C. Richard Landis, Lanc., DHIA Director; Samuel Dum, East Petersburg, Milk Market Representative; J. Robert Hess, Strasburg,

(Continued on Page 10)

Soil Conservation To Be Farm-City Feature Of Lanc. Kiwanis Club

The Lancaster Kiwanis Club will highlight Farm-City Week at its Nov. 24 meeting. Charles Slaton of the U.S. Soil Conservation Service, Harrisburg, will present an illustrated slide talk, stressing the importance of resource conservation for Farm-City Week. An exhibit on soil and water conservation will be displayed at the Hotel Brunswick by the New Holland 4-H Soil and Water Conservation Club

Slaton is a career conservationist and a firm believer that farm and city people alike share in the responsibility for conserving the resource within the Commonwealth. He has spoken to many groups and prepared a number of articles

(Continued on Page 6)

Farm Calendar

Nov. 16 — 8 p.m. Dairy Clinic, Solanco High School.

Nov. 17 — 12 noon, Elizabethtown-Donegal 4-H Capon Roundup, Hostetter's Banquet Hall, Mount Joy.

— 8 p m. Dairy Clinic, John Neff School, Neffsville.

Nov. 18 — 5 30 p.m., Lincoln 4-H Community Club Capon Roundup, AMVETS Building, Ephrata.

Nov. 19-20 — Annual Meeting of Inter-State Milk Producers Co-Op, Philadelphia.

19-20 — 11th Annual Convention, Pa. Holstein Ass'n, Meadville, Pa.

19 — 7:30 p.m. DeKalb Poultry Meeting, Lancaster Poultry Center.

Nov. 20-26 — Farm-City Week

HOLSTEIN MEN. 1 to r (standing), Daniel S. Stoltzfus, Mount Joy; Robert Kauffman, Elizabethtown; Clarence Stauffer, Ephrata, Vice President; Melvin Peifer, Lancaster and Clair Hershey, Willow Street. (seated) Elvin Hess Jr., Strasburg, State Director; Donald Eby, Gordonville, Secretary; Roy Book, Ronks, President and Daniel Martin, Manheim, Treasurer. These are the men who form the board of directors for the Lancaster County Holstein Association. Missing from the picture is Titus Hurst, Lititz. L. F. Photo

Frey Shows Reserve Grand Champion Steer After Leading Junior Div. Sweep

After taking the grand championship in the junior division steer show with his junior yearling Angus on Monday, John Frey, R D 2, Quarryville, competed in the open show on Tuesday and had the reserve champion Angus and finally the reserve grand champion steer at the Pennsylvania Livestock Exposition

Frey's only loss was to the chunky little Angus senior calf owned by Jay W Fought of Cumberland County. Judge Tom Merritt, Penn State University, chose the senior calf over Frey's animal in the Angus open class, but pulled the junior yearling back as reserve champion Angus. When they met again for the grand champion steer of the show the judge picked the same combination.

Frey, a senior at Solanco High School, is the son of Mrs. Anna Frey. This is his fourth year in FFA and his seventh in 4-H work Following graduation in June, Frey plans to attend Penn State University, where he will probably major in Animal Science.

It was expected that Frey would withdraw his 1,000 pound winner from the sale at the Exposition and that he would enter the reserve champion, named "T. O. Laddie", in the Eastern National Livestock Show at Timonium, Maryland. This show starts on Monday, and Frey is the defending champion having won there a year ago with another Angus.

Led by Frey and Wesley Mast, R.D 2, Elverson, Lancaster County youths dominated the junior division show on Monday when they took 7 first, 4 second, and 5 third-place ribbons. They captured all three breed championships an dalso took reserve in the Shorthorn breed. In addition to this Lancaster took the group of five class, for the eighth year in a row, with an

(Continued on Page 4)

Guernsey Ass'n Annual Meeting

By Everett Newswanger
Staff Reporter

The Lancaster County Guernsey Breeders' Association held their annual banquet and business meeting Friday evening at the Rhoad's Spanish Tavern, Quarryville.

The following county breeders received awards from the Association:

Raymond and Louise Witmer, Willow Street, for lifetime production on Meadowview Red Blossom with 174,674 lb. of milk and 7,775 lb. of fat;

John N. Landis, 1804 Hempstead Rd, Lancaster, for the

(Continued on Page 10)

Survey Reveals Reasons Farmers Use Consv. Tools

In a recent study of the Jasper Soil and Water Conservation District, conducted by the Iowa Agricultural and Home Economics Experiment Station, it was found that soil erosion and depletion of soil continued even with the district's existence.

Why aren't more farmers participating in the district program? To what extent are those who are district cooperators actually carrying out recommended land-use measures and practices? What might be done to increase the effectiveness of the district program?

The answers to these questions as found by this study, may well be used in evaluating the strengths and weaknesses of the district programs here in Pennsylvania.

In attempting to find the

(Continued on Page 7)

Weather Forecast

Temperatures for the five-day period Saturday through Wednesday are expected to average 8 or more degrees above normal. It will be on the mild side for most of the period, except briefly cooler about Monday.

Precipitation will total less than .4 inch, occurring mostly as showers over the mountains Saturday and again Tuesday.

Still dry and mild.

Market News Reports

At Lancaster Yards

CATTLE: 3900. Compared to 2819 last week. Supply included 25 percent slaughter steers, 15 percent cows and bulls, with balance mainly feeder steers. Slaughter steers steady to mostly 50c lower, than last weeks close. Cows and Bulls steady. Feeder strong to 50c higher, instances 1.00 higher.

SLAUGHTER STEERS: Good 900-1200 lbs. 22.50-24.50, Few Mixed Good and Choice 1150 lbs. 24.50-25.00, Lot mostly Choice 1075 lbs. 25.50, Load Choice 1140 lbs. 26.50, few standard 19.50-22.50.

COWS: Utility and High Yielding Cutter 12.25-14.25, Canner and Cutter 10.00-12.50, Shelly Canner 9.00-10.00.

BULLS: Utility and Commercial 18.00-20.50, Good and Choice 20.00-23.00, few to 23.50, Individual 24.00, Cutter 16.50-18.00.

FEEDER STEERS: Good and Choice 600-950 lbs. 19.50-22.00, Load and Lot Choice 600-750 lbs. 22.50-23.00, Load Choice and Prime 900 lbs. carrying Good to low Choice Slaughter finish $24.00, Load Standard and Good 750 lbs. 18.75, Few Standard 600-800 lbs. 16.00-18.00, Load Choice 560 lb. Steer Calves 23.65, Lot Good and Choice 450 lb. Heifer Calves 19.50.

CALVES: 575. Compared with 497 last week. Active, Vealers 1.00-2.00 higher.

VEALERS: Choice 33.00-35.00, few to 37.00, Good 29.00-33.00, Standard 24.00-29.00, Utility 18.00-24.00.

HOGS: 1200. Compared with 1124 last week, Active, Barows and gilts steady. Sows steady to 50c lower.

BARROWS AND GILTS: US 1-2 190-235 lbs. 16.75-17.25, US No. 1, 190-225 lbs. 17.50-18.00, U.S. 1-3 185-250 lbs. 16.00-16.50, US 2-3 240-270 lbs. 15.25-15.75. Few 270-290 lbs. 15.00-15.25.

SOWS: US 1-3 300-450 lbs.

(Continued on Page 3)

Vintage Sale

Weekly Review

CATTLE: 392. Supply included 46 percent cows. Active, slaughter steers 25-75c higher. Cows 50-75 higher.

Slaughter steers: Choice 1000-1250 lbs. 25.35-26.50, Good 23.25-25.25, Standard 21.50-23.60, Utility 18.00-21.25.

Cows: Cutter and Utility 12.50-14.75, few 14.75-15.85, few Canner 10.85-11.60.

Bulls: Utility 18.75-20.50, Couple Good 20.25-21.25.

Calves: 529. Vealers 1.00-3.00 higher.

Vealers: Choice 35.50-39.00, Individual Prime 40.50, Good 29.50-35.00, Standard 25.00-29.50, Utility 20.50-25.50, Cull 17.00-20.50.

Hogs: 125. Barrow and gilts fully steady. Sows steady to strong.

Barrows and Gilts: U.S. 1-2 200-235 lbs. 16.50-16.75, U.S. 1-3 180-255 lbs. 16.00-16.50, U.S. 2-3 215-250 lbs. 15.50-16.00.

Sows: U.S. 1-3 300-500 lbs. 12.35-13.75.

Sheep: 25. Not enough on sale to establish a market.

At the hog sale on Nov. 7, 138 head were received. Hogs weighing 180-200 lbs. brought 16-16.85; 200-220, 16.35-16.60; 220-240, 15.75-16.25; 240 lbs. and up, 14.85-15.50. Sows sold for 13.10-13.85.

Wisdom comes with age. Too late sometimes to do any good.

New Holland Auction

CATTLE: 848. Supply included 34 percent cows, Active, Slaughter steers steady to strong, Instances 25 higher on Good. Cows fully steady. Bulls steady to strong.

Slaughter steers: Choice 25.-25-26.50, few High Choice 26.50-27.25, Good 23.50-25.50, Standard 20.50-23.50.

Cows: Cutter and Utility 12.50-14.50, Few 14.50-15.00, Canner and Low Yielding Cutter 10.75-12.50.

Bulls: Utility and Commercial 19.50-20.60, Good 20.00-22.00, Choice 22.00-24.10, Cutter 16.00-18.50.

Feeder steers: Good 500-850 lbs. 17.50-19.10.

Calves: 419. Vealers uneven; mostly steady.

Vealers: Choice 35.00-39.50, Good 29.00-35.00, Standard 25.-50-29.50, Utility 20.50-25.50, Cull 16.00-20.50.

Sheep: 15. Not enough on sale to establish a market trend.

At the cow sale Nov. 9, 140 cows, 4 bulls, and 5 heifers were sold. Fresh Holsteins brought 275-475; Guernseys, 150-240; other breeds, 150-230. Bulls sold for 115-185, and heifers, 65-140. The trend was active and steady on fresh cows; slow and 15 lower on backward springers.

On Nov. 9, 291 horses were sold. Riding horses brought 85-225; driving horses, 85-225; killers, 5½-6 cents per pound. Pony mares sold for 35-85, and geldings, 20-100. The trend was active and steady.

At the hog sale on Nov. 9, 345 head and 20 sheats were offered. Hogs retailed at 17.-50-18.25; wholesale (U.S. 1-3) 16-16.75; heavyweights brought 15-16; sows, 12-15; and sheats, 7-13. The trend was 25 lower.

Also on the 9th, 185 calves were received. Choice and prime sold for 34-39; good and low choice, 26-33.50; standard, 20-26; common, 12-20. The trend was steady.

Chicago Cattle

WEEKLY REVIEW

CATTLE — Salable receipts first four days 25,000 compared 24,200 week ago and 31,700 year ago. Twelve market receipts 229,100 compared 204,-800 week ago and 222,200 a year ago.

Trading on slaughter steers and heifers slow, compared last Friday steers steady to 25 lower, heifers steady. Cows strong to 25 higher. Bulls 50 higher. In the Chicago carlot dressed trade, steer beef steady to 50 higher except Good steady to 25 lower. Choice heifer beef 50 higher, Good 25-50 lower. Cow beef 50-1.50 higher.

Cows: Utility and Commercial closed at 11.75-13.50, few

(Continued on Page 13)

New Holland Sales Stables, Inc.

Sale Schedule

Monday: Horse Sale ..... 10:00 A.M.
Tack Sale to Follow Horse Sale
Hog Sale ..... 11:00 A.M.
Beef Cattle ..... 2:00 P.M.
Sale Order — Bulls, Steers, Cows, Calves
Wednesday: Sale of Dairy Cattle ..... 12:30 P.M.
Thursday: Sale of Beef Cattle ..... 12:30 P.M.
Sale Order — Bulls, Steers, Cows, Calves

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Weekly Broiler Report

Placements In Commonwealth Decrease

Placement of broiler chicks in the State by hatcherymen during the week ending November 7, totaled 694,000, according to the Pennsylvania Crop Reporting Service This was a decrease of 11 percent from the previous week and an increase of 4 percent from a year ago. The 10-week total was 2 percent above the comparable period a year ago Settings for broiler chicks, totaling 1,130,000 eggs, were 6 percent below both the previous week and a year earlier. The 3-week total was 9 percent above last year. Inshipments of broiler-type chicks the past 10 weeks totaled 459,000 or 41 percent below the comparable period in 1963. Outshipments of 1,443,000 were down 7 percent.

Placements in the 22 major producing States, totaling 38,164,000 chicks, increased 2 percent from the previous week and 4 percent from a year ago. The 10-week total was 4 percent above last year. Settings of 50,733,000 eggs were about the same as a week earlier and 2 percent below a year ago. The 3-week total was 1 percent below a year ago

Foglesville

(Prices for dock weights, cents per lb except where noted)

HENS, light type, 6-9, mostly 6-7, HENS, heavy type, 6½-14½, mostly 7-12, PULLETS, 15-25, mostly 20-22, ROASTERS, 11-31, mostly 22-28, CAPONS, 33½-34, DUCKS, 10-30½, mostly 24-29½; DRAKES, 25½-42, mostly, 37-40, GEESE, 31½-35, TURKEYS, toms, 11-24, 17-21½, TURKEYS, hens, 26-36½, mostly 27-29; RABBITS, 18½-35, mostly 22-31; GUINEAS, 32½-53, mostly 45-52½; PIGEONS (per pair), 60-95; Total Coops Sold: 1581.

● Lancaster

(Continued from Page 2)

12.50-13, few US 1-2 280-350 lbs. 13.00-13.50, US 2-3 400-550 lbs. 11.50-12.50, Few 550-600 lbs. 11.00-12.00.

SHEEP: 450. Compared with 365 last week. Fairly Active, Wooled Slaughter lambs and slaughter ewes steady.

WOOLED SLAUGHTER LAMBS: Choice 85-95 lbs. 21.00-22.00, Few to 22.50, Good 18.50-21.00, Utility 16.00-18.50. SLAUGHTER EWES: Cull to Choice 4.00-7.00.

● Delmarva

Live broiler and fryer prices advanced more than ½ cent, and demand was good for light auction offerings.

Delivered prices mostly ¼-½ cent higher.

Estimate slaughter for Friday and Saturday, 840,000 head, compared with 831,000 head last weekend.

Prices paid and reported purchases for the 24-hour period ending 10:30 Friday. broilers and fryers, 15 2-17 0; 910,600 head, including 383,300 head offered and sold at Eastern Poultry Growers Exchange Thursday.

Twenty-six percent of the broilers sold at 16.0-16.4 cents per pound.

The Delmarva Broiler-Feed Ratio for the week ending 11/6/64 was 3.1. This was up one point from the preceding week. Mash price averaged $100.97 per ton, and broilers averaged 15.54 cents per pound.

Weekly New York Egg Mkt.

From Monday, November 9th to Friday, November 13th

	Mon.	Tues.	Wed.	Thur.	Fri.
WHITE					
Ex. Fcy Hywts	37	38		39	39
Fcy. Hywts.	36	36		36-36½	36½-37
Fcy. Med.	27	28		30	30½
No 1 Med.	25½	27		28	29
Pullets	25½	25½		27	25½
Peewees	20	20		20-21	21
BROWN					
Ex. Fcy. Hywts.	38-39	39		39	40½
Fcy. Hywts.	38	38		38	38-38½
Fcy. Med.	29½	29½		30	32
Pullets	26	27		27½	28
Peewees	18	18		18-20	20
MIXED					
Fcy. Hywts.	36	36		36-36½	36½-37
No. 1 Med.	25½	27		0	0
Pullets	25	0		0	0
Standards	34	34		34	34-34½
Checks	27	27		27	27

TREND: Top white generally well-cleared, but medium still irregularly supplied.

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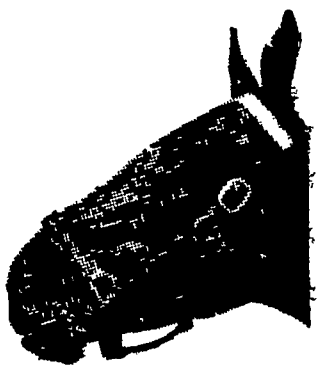

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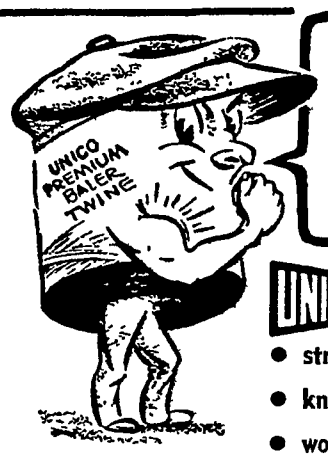

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From Where We Stand . . .

Some Win, Some Lose

It occurred to us the other day while watching the 4-H and FFA youngsters eagerly competing with one another at the Pa. Livestock Exposition for recognition of their particular animals that there are considerably more losers than there are winners.

Now that's not a particularly profound statement, but it's worth a few minutes thought. Our society is built upon the idea of open competition Competition is at the heart of everything we do. As children we compete for attention. As students we compete for grades and scholastic standing. As working adults we compete for markets for our products, or we compete for jobs. We are surrounded by an aura of competition from the cradle to the grave.

However, the trend today on both the social and economic level seems to be away from this competitive spirit and toward what has been called a "cradle to grave security program" Opponents of such a protective philosophy have gone as far as to label it "socialism".

In the light of this atmosphere of total security that surrounds us today it becomes as natural as breathing that our children should grow up with the idea that the world owes them a living. Money is relatively plentiful, we are literally drowning in modern conveniences that have replaced what was once honest sweat; and all our problems are solved for us either by the psychiatrists or by the politicians.

This is why it strikes us as quite wonderful that our youngsters are willing to spend hours struggling to care for and train an animal, and then have the guts to get out there in the show ring with it and compete knowing that the odds against their winning are high. Certainly there's no glory in being a loser, and we aren't recommending losing as a goal. But before one can win or lose, he must compete. He must be willing to struggle against the odds; to learn by his past mistakes, and to come back the following year older, wiser, and more-qualified to be a winner — both in the show ring and in life.

We congratulate the boys and girls who have displayed this spirit valiantly all season. We thank them for making the effort, and we assure them that the real rewards will still be coming in long after the bright ribbons have faded.

We also congratulate their parents, their teachers and club leaders, and beseech them to keep up the good fight no matter how discouraging it may sometimes seem; the rewards are worthy of the effort!

The Ag Colleges Are Changing Too

"Within ten years after college graduation most students will be working on problems not yet identified and with tools not yet invented."

These were the dramatic opening remarks of Dr. Charles E. Kellogg, USDA soil scientist as he addressed the 78th annual convention of the Association of State Universities and Land Grant Colleges.

This prediction may be slightly overstated, but in view of the technological changes that we have seen since World War II we firmly believe that nothing is impossible. Knowledge might be likened to a large snowball. As it is being assembled it grows slowly with each addition patted into place laboriously; then the larger it becomes the faster it seems to grow; suddenly it's over the crest of the hill and traveling a mile-a-minute, picking up speed all the way as its momentum builds.

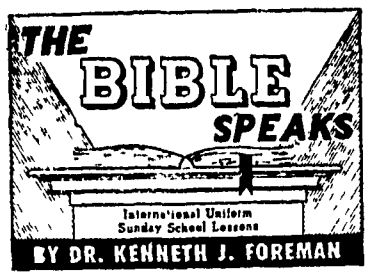
As agriculture itself has been rapidly changing to incorporate this new knowledge, so has the old concept of the agricultural college been changing. Once its job was to train and educate men to be farmers. Now, because of increased producing ability. we learn we have too many farmers, but not enough people trained to handle all this new technical knowledge and to keep the snowball growing. As Dr. Kellogg added, "Skills of knowing how to learn are more important in life today than skills with current methods of doing things."

Although the Ag Colleges still train future farmers in animal and poultry science, soil technology, forestry, conservation practices, etc., much of their present and future activities lie in the area of research.

Another speaker at the convention put it this way: "Colleges of agriculture today . . . are losing their old functional unity and are in the process of changing from single-purpose, single-function institutions devoted to production technology into agencies which also work with the problems of economic and social change."

Each bit of technological knowledge that we add brings about social and economic problems because it generally disturbs the precarious balance, or status quo. Therefore, not only do we need trained people in agriculture to use present know-how and to increase our fund of knowldge, but we need them to understand the problems that new knowledge itself creates so that the transition from the old to the new can be accomplished more smoothly and equitably.

What Do **YOU** Think?



Workman

Lesson for November 15, 1964

Background Scriptures: II Timothy 2.1 through 3 9, 14-17.
Devotional Reading: Isaiah 40 6-11.

A SOLDIER, an athlete, a farmer: what do they have in common? They are all masculine, for one thing. They are strong and active; they do often what is unpleasant or even dangerous at the time. And they all are valuable to the society in which they live.

Dr. Foreman

It is interesting that the author of II Timothy does not liken Christian men to angels, students, members of an audience, or women no matter how good. He sees in the soldier, the athlete, and the farmer symbols of what the Christian is intended to be. Christian life is a battle; it is a game (played seriously, as games should be); it is making a crop. Hence the Christian is said to be soldier, athlete and farmer. The Christian life in short is a doing life, a working life. The Christian knows what not everyone knows; he thinks and says what most people do not either think of, or say. But above all and with it all the the Christian is a doer.

For every good work

This little letter to Timothy was written to a preacher by a preacher. Then why read it if I'm not a preacher? Well, it's more than a matter of looking over Paul's or Timothy's shoulder to see what preachers talk about when they are by themselves. Paul speaks of the man of God. (And if you, layman or not, don't think you are God's man, then whose man are you?) Paul speaks of equipping the Christian for every good work. Now the work of a preacher is not the work of the housewife, not the work of the scientist or the business man. But if the church had thought that Paul was writing for one preacher and for no one else, they never would have preserved the letter and eventually put it into the Bible. "Every good work" means EVERY good work — what we do for a living and what we do for others in our off hours — whatever any man does that is good.

The well-equipped workman

There never yet was a workman, professional or do-it-yourself type, who couldn't improve his work by using better tools. Now the tool or tools for the Christian's good work is nothing less than the Bible. The better a man learns to use his Bible, to understand it and to live by it, the better his workmanship will be.

Don't and do

How the Bible operates is shown in one of the best-known and often quoted sentences in the letters to Timothy. First of all Paul says it is inspired. That is, the Bible's power does not lie in its literary polish nor in any of the qualities that go to make what we call a strong book. The power of the Bible is the power of God who speaks through it. Paul says further that it is a teaching book, — he does not call it mainly a preaching book. As a teaching book, it works in two ways. First is "reproof." A sincere reader of the Bible will come to thoughts — in parables, poems, stories, letters — which pierce his armor of self-satisfaction and bring him up short. For the Bible brings in many ways the judgment of God on many of man's cherished ways and cherished delusions. It is like a red light above a highway that says STOP!

But the Bible does much more than show us what is wrong with us; it shows what the right way is. The Bible was not written by or for people on a tropical island who can live ideal lives without running into resistance. The Bible was written by men who knew what it is to try to live a good life in a bad world. If the Bible did nothing else for us, it would be priceless for the inside stories of men "of like passions with ourselves," who in the midst of an uncertain and sin-infested world, were able to live above and through it all as sons and daughters of the Most High. For God's book brings God's life to God's men.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service.)

● Frey Shows

(Continued from Page 1)

Angus entry, two of which were owned by Wesley Mast, and one each owned by John Frey, Larry Weaver, and Eugene Hosler

Wesley Mast, the red-headed son of Jacob K and Ada Mast, Elverson R D 2, brought seven animals to the Exposition and seemed to be in the show ring more than he was out of it With this string he accumulated 3 first, 1 second, and 2 third-place wins for the county. He also had the champion Hereford and champion Shorthorn of the junior division, and the reserve champion Shorthorn of the show His summer yearling, "Diamond", was the meaty animal that won him the Hereford title.

Mast plans to take both animals, Hereford and Shorthorn, to the Eastern show at Timonium next week It seems likely that between Mast and Frey the county will be well represented at that show.

Lancaster County placings by breeds and classes in the 4-H, FFA Steer Division were:

ANGUS

Junior Yearling — 1-John Frey; 3-Wesley Mast, 8-David Zimmerman, R D 1, Reinholds; 10-Robert Donough, R D 2, Mount Joy. 12-Jay Bixler, R.D. 1 Marietta, 13-David Heisey, R D 1, Sheridan

Summer Yearling—2 Wesley Mast, 3-Larry Weaver, R D 1, New Holland, 6-Eugene Hosler, R D 3, Manheim, 7-Fred Linton, R D 2, Quarryville, 9-J Rodney Harnish, Refton; 11-Barry Longenecker, R D 2, Lititz Senior Calf—1-John Frey; 3 Wesley Mast, 6-Ken Hess, R D 1, Strasburg, 8-Michael Hosler, R D. 3, Manheim.

HEREFORD

Junior Yearling — 1-Wesley Mast; 2 Dallas Wolgemuth, R D 1, Mount Joy, 3-Donald Snyder, R D. 3, Lititz, 4-William Fisher R D 1, East Earl, 6 Thomas Zartman, R D. 1, Ephrata. Summer Yearling—1-Michael Hosler, 2-Michael Longenecker, R.D. 2, Lititz; 6-David Heisey, 7-Nancy Frey, R D. 1, Marietta, 9-Jay Bixler, 10-Fred Linton, Jr.

SHORTHORN

Junior Yearling—1-Donald Snyder, 4 Thomas Zartman. Summer Yearling — 4-Ada Heistand, R D 4, Manheim. Senior Calf—1-Wesley Mast; Robert Hosler, R D. 4, Manheim, 3-Donna Hess, R.D. 1, Strasburg

COUNTY GROUPS

1-Lancaster (Wesley Mast, 2 steers, Eugene Hosler, John Frey, Larry Weaver.

Lancaster Farming
Lancaster County's Own Farm Weekly
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Now Is The Time . . .

BY MAX SMITH

MAX SMITH

To Dehorn Heifer Calves

A cow's horns are a liability to dairymen; they reduce profits by causing injuries and unrest in the herd. Many times they contribute to "boss" cows and the underfeeding of other cows in the herd. Horns may be removed at an early age by use of an electric dehorner or caustic paste; after several months they may be removed by special dehorning tools that make a "polled" head Dairymen should give attention to this practice when the animals are young.

To Mulch Strawberries

Freezing weather will soon arrive and a severe winter can be hard on the strawberry plants; the application of an adequate mulch made during early December is one way of attempting to get a better crop next summer The use of 2 to 3 inches of wheat straw will prevent injury from alternate freezing and thawing and will help get cleaner fruit.

To Store Chemicals Carefully

The gardening season is over for another year and on the farm most spraying will soon be finished. Now is a good time to carefully label all left-over chemicals and store them away carefully. Be sure they are out of reach of children and all livestock. Herbicides should not be stored near any seeds that are to be planted next year. Unwanted chemicals should be buried in a deep hole in the ground and not put into sewers or septic tanks.

To Remove Asparagus Tops

After the asparagus tops are completely dead this fall, and it may be until they are yellow in color before they are dead, they should be cut and either removed or left on the ground for extra cover and organic matter. The transfer of plant food materials from the tops to the storage roots goes on practically as long as any life remains in the tops, if the tops are removed before completely dead, next year's crop yields will be reduced. Some growers will leave them on the ground until spring and then either burn them or disc them into the topsoil.

Coccidiosis outbreaks at this time of year can be disastrous. Be prepared

Even under the best conditions, coccidiosis outbreaks can and do occur — especially after birds are in off the range. Read why Amprol Solution, of the many good coccidiostats on the market, is probably the best for controlling potentially ruinous outbreaks at this time of year.

When coccidiosis strikes, AMPROL (R) Solution does what you want it to do, does it promptly and with no unwanted side effects.

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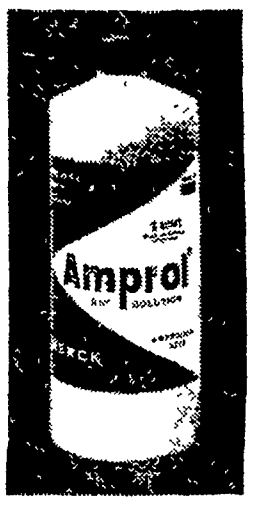

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Corn Substance Kills Earworm

The substance that makes corn appetizing to the corn earworm has been extracted from silks and fresh kernals of corn plants in U.S. Department of Agriculture research

Scientists of USDA's Agricultural Research Service, working at Tifton, Ga., found that earworms eagerly eat fiber paper that has been soaked in a solution containing the feeding stimulant Their study is part of ARS research, being conducted at several locations, on natural chemicals that affect insect behavior. In this research, the scientists are extracting and classifying these substances as feeding stimulants—that from corn—or as attractants, repellents, or ovipositional (egg laying) stimulants.

Scientists think it may be possible to develop new control methods based on the use of plant chemicals after these have been identified and synthesized One possibility, for example, would be to control the corn earworm by using an attractant to draw the pest to a poisoned bait made appetizing by the feeding stimulant

Another would be to develop crop varieties that contain a high concentration of repellents or low concentrations of attractant and feeding and ovipositional stimulants.

The corn earworm, along with its close relatives, occurs in all parts of the world where corn is grown. It is easily the most destructive pest of sweet corn in the United States. In most parts of the country farmers find it almost impossible to grow marketable sweet corn unless they spray the crop with insecticide for portection against the pest.

● Soil Conservation

(Continued from Page 1)

for state and national publications.

In his present position Slaton is in charge of the information education program for the Soil Conservation Service in Pennsylvania He is a graduate of The Pennsylvania State University and a veteran of World War II

● Directors

(Continued from Page 1)

county commissioners; a plowing contest for the county; conservation workshop for vo-ag teachers, encourage and support Public Law 566 in the Manheim area

Wayne Maresch, Soil Conservationist with SCS, outlined the accomplishments of the past year and set forth some goals for his agency in the coming year These goals included signing up more conservation cooperators through district watershed meetings; increasing the number of farms serviced from 351 in 1964 to 1150 doubling the number of farms applying conservation practices; increasing the number of lineal feet of diversions and terraces from 6,925 to 30,000; increasing contour and field strip cropping acreage from 1030 to 2500.

A discussion of goals by the other cooperating agencies was postponed until the January meeting

What Is The Market Future For Pa. Eggs?

The Penn State University Extension Service has been studying the trends of egg production and population by geographical areas to appraise the impact of these trends on the future of Pennsylvania's poultry industry.

In our area, the North Atlantic states, we have 25 per cent of the nation's population, but produce only 16 per cent of the nation's eggs. The average consumption per person in the U.S. in 1963 was 315 eggs. In the North Atlantic states we produced only enough to provide each person in our area with 197 eggs. Thus, we are clearly a deficit egg producing area.

The population trends, however, show that during the period 1955-1963 the North Atlantic states had a slower population growth rate than some other areas.

In all of these egg production figures estimates of number of hatching eggs has been deducted so that the only consideration is on market eggs.

The extension service suggests from this analysis of trends that in the future local production will tend to more closely fill the needs of the area. They also suggest that production will develop close to consumer centers.

If this estimate is correct it suggests that Pennsylvania will continue to be in a favorable position to supply the bulk of the market eggs consumed in the heavily-populated North Atlantic States.

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Checkerboard News

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How Much Feed Does It Take To Produce A Dozen Eggs!

HERE ARE A FEW RECORDS FROM EARLY BIRD FEEDERS WHICH WERE REPORTED TO US RECENTLY:

FLOCK A: 6,000 layers in cages in production 9 months. Average conversion for entire period to date 3.9 lbs.

FLOCK B: 15,000 layers in cages in production 13 months. Average conversion for entire period 4.01 lbs.

FLOCK C: 7,000 layers floor operation, partial slats, in production 12 months. Average conversion for entire period 4.1 lbs.

FLOCK D: 6,000 layers, floor operation, partial slats, in production 12 months. Conversion for the 12-month period 3.92 lbs.

FLOCK E: 400 layers, floor, in production 12 months. Conversion for the entire period 4.05 lbs.

FLOCK F: 8,500 leghorn breeders and cockerels, floor operation, partial slats, in production 10 months. Conversion for the entire period 3.94 lbs. (including cockerel feed).

WE'LL GLADLY INTRODUCE YOU TO THESE OR OTHER PRODUCERS AND LET YOU SEE FOR YOURSELF THAT EARLY BIRD LAYING FEEDS AND GOOD MANAGEMENT ARE A WINNING COMBINATION FOR ANY POULTRYMAN.

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● Survey Reveals

(Continued from Page 1)

answer to the problem of why farmers fail to participate in the district program, the study necessitated dividing the farms into district cooperators and non-cooperators. The farm characteristics associated with each group were then analyzed. The major differences between the two groups were found to be: the size of the farm, tenure of the operator, rental arrangements and the kinship between landlord and the tenant.

Size of the Farm. Size of the farms which were district cooperators averaged 216 acres while non-cooperators averaged only 172 acres. This fact led to several possible reasons why some farmers do not readily carry out their basic conservation plan.

Larger farms tend to have fields more adaptable to practices such as the contour and strip cropping systems.

Larger farms are also generally in a stronger financial position to sacrifice current income to invest in conservation practices that will later add to land productivity and better management of their soil and water resources.

Finally, larger acreages may permit adequate erosion control mainly by a more extensive use of the land.

Tenure of the Operator. The relationship of the tenure of the farm operator to district cooperation was also found to be important. In Jasper Soil Conservation District, 81% of farm cooperators were owners, part-owners, or tenants related to the owners, while only 63% of the non-cooperators had an ownership interest in their farms.

There are several reasons why farm ownership may have an important bearing on the fulfillment of district objectives.

In the case of the owner-operated farms, the management decisions are made by one person thus making him a local person. District promotional and educational efforts are then likely to be more effective.

Costs and benefit problems tend to be minimized because current expenses and returns are not shared, thus the owner-operator tends to have a long term interest in the farm with a more personal reflection of values placed on the land itself.

These factors are also applicable to the part owner-operators which tends to create a situation where investment may go back into the owned part of the farm. The above factors may well be proved to be the opposite for the non-owner operators.

Rental Arrangements. The study of the Jasper District pointed out that rental arrangements had a definite effect on participation of landlords and tenants in the district program.

Costs and benefits shared by the landowner and operator for planned land-use practices could provide the necessary economic incentive for working out a conservation plan for the farm.

The other possibility of a cash rental situation tends to run the risk of short-run exploitation by the tenant which in turn hinders the possibility of effectuating a conservation plan.

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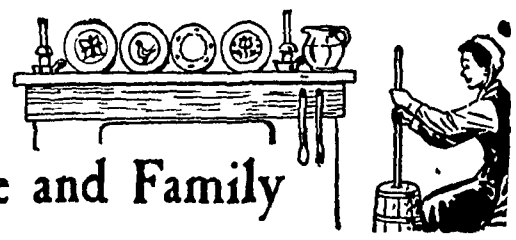

For the Farm Wife and Family

Win With Homecoming Foods

By Mrs. Richard C. Spence

SPENCE

Now that the cranberry season is here again and prices are low, it is time to restock the freezer. Just freeze the cranberries in the container you buy them in. Rinsed frozen berries can be used successfully in any recipe calling for fresh cranberries.

One way of using fresh cranberries is in a cranberry relish. You can make your own or you can now buy it already made up. This relish can be used as a topping for vanilla ice cream, a filling for homemade coffee cake or layered with vanilla pudding for parfait desserts.

Here are some recipes using cranberry relish as an ingredient.

CRANBERRY MUFFINS

1 cup cranberry-orange relish
¼ cup brown sugar
1 tablespoon flour
½ cup chopped pecans
2 cups packaged biscuit mix
3 tablespoons sugar
1 teaspoon cinnamon
¼ teaspoon nutmeg
1 egg
¾ cup milk

Topping Combine cranberry relish, brown sugar, flour, and pecans Spoon 1 tablespoon of mixture into each 12 greased muffin pan cups.

Muffins. Stir together biscuit mix, sugar, cinnamon, and nutmeg Stir together egg and milk Add to dry ingredients stirring just to moisten. Fill muffin cups ⅔ full. Bake in hot oven (400 degrees) 15 minutes. Remove from oven and invert pan immediately. Makes 12 muffins.

* * *

CRANBERRY ORANGE BREAD

⅓ cup margarine
¾ cup sugar
2 eggs
2½ cups sifted all purpose flour
1½ teaspoons baking powder
½ teaspoon baking soda
1 teaspoon salt
6 tablespoons orange juice
1 jar (14 ounces) cranberry-orange relish
½ cup chopped walnuts

Cream margarine and sugar until well blended. Add eggs, one at a time, beating well after each addition. Sift flour with baking powder, baking soda and salt; add to sugar mixture alternately with orange juice. Fold in cranberry relish and chopped nuts. Spoon into greased 9 x 5 x 3-inch loaf pan. Bake in 350 degree oven for about 1 hour—until crust is golden brown and toothpick inserted comes out clean Cool on rack for about 5 minutes, then remove from pan. Store overnight for easy slicing

CRANBERRY RELISH DESSERT SALAD

1 cup miniature marshmallows
1 cup drained crushed pineapple
3-ounce package cream cheese
½ pint whipping cream
1 jar (14 ounces) cranberry relish

Combine marshmallows and crushed pineapple. Break cream cheese into small pieces and add to whipping cream. Chill both mixtures for several hours. Beat cream cheese mixture as whipped cream. Fold in pineapple-marshmallow mixture and cranberry relish. Refrigerate until served on lettuce or in sherbet glasses.

* * *

CRANBERRY ORANGE SALAD

1 package raspberry flavored gelatin
1 cup hot water
½ cup cold water
14 ounces cranberry orange relish
½ cup chopped walnuts

Dissolve gelatin in 1 cup hot water; stir to dissolve. Add ½ cup water; chill in refrigerator until partially thickened. Fold in cranberry orange relish and chopped walnuts. Pour into large mold or individual smaller molds and chill until firm. Serve 4 to 6.

* * *

CRANBERRY RELISH CHEESE PIE

9-inch graham cracker crust:

(Continued on Page 9)

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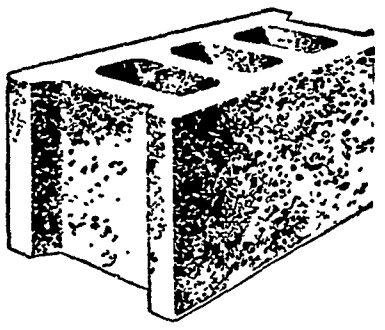

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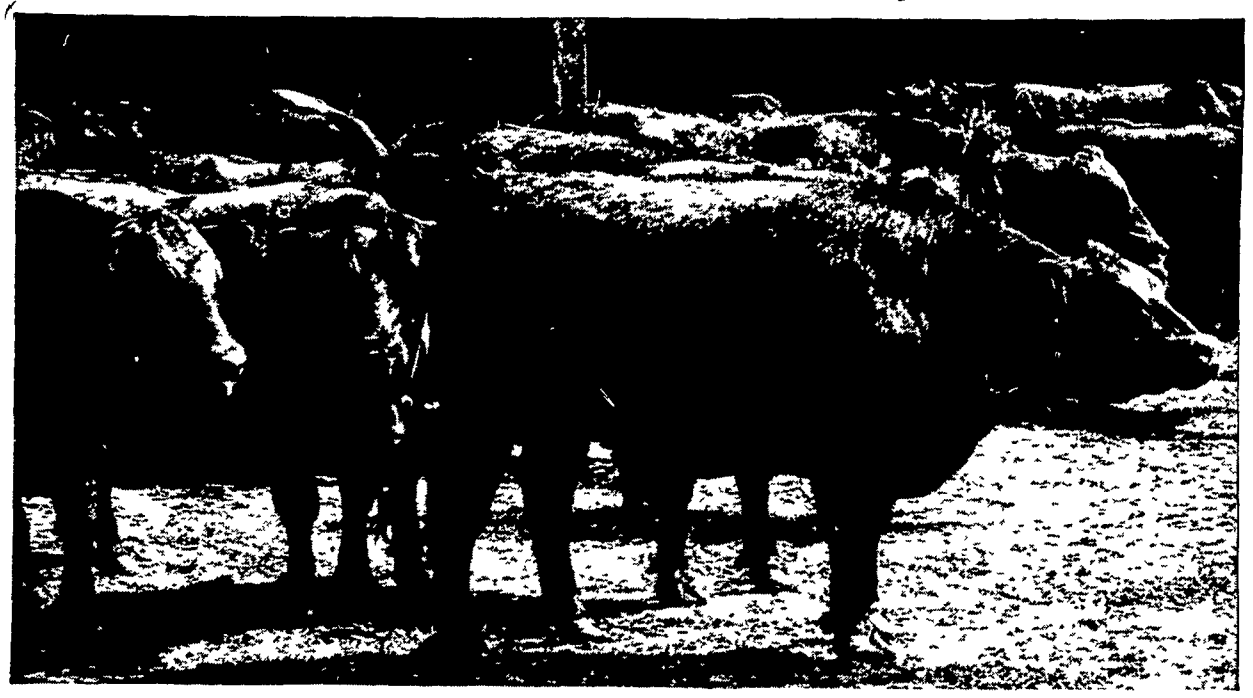

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ANGUS STEERS FED 177 DAYS	REGULAR FEED	CATTLE-IZER BEEF SUP.
Ave. daily gain	2.51 lbs.	2.90 lbs.
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Carcass grade	Low choice plus	Average choice
Dressing percentage	63.41%	63.80%
Starting weight	651.6 lbs.	651.5 lbs.
Finished weight	1096.50 lbs.	1165.25 lbs.

Cattle-izer pays 6 ways—This feeding trial, one of many, shows advantage of Ful-O-Pep Cattle-izer: (1) 0 39 lbs more daily gain. (2) 81 8 lbs. less feed per cwt (3) Saving of $1.41 per cwt. gain on feeding cost (4) Higher carcass grade (5) Higher dressing percentage (6) 68¾ lbs. more beef per head at market.

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An Advertising Supplement to Lancaster Farming November 14, 1964

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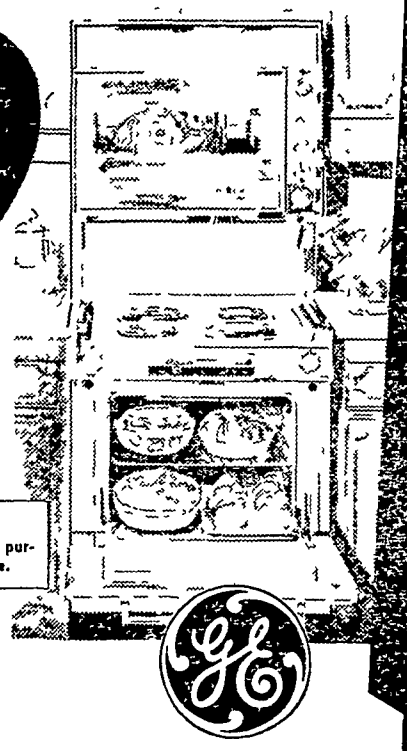
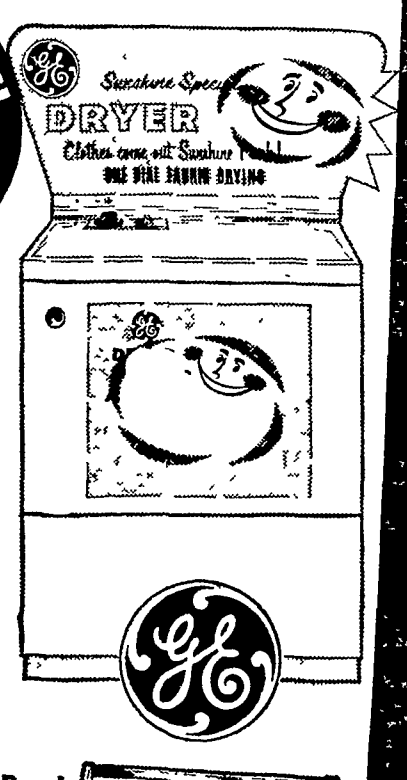


This is it—the famous range with the lower oven that cleans itself! Automatically No rubbing No scrubbing 30-inch range also features eye-level top oven Loaded with features. J796Y

FREE $24.95 GIFT!
Free set of Wearever pans with purchase of any free-standing range.

Less than $6.00 per week after trade or down payment.

G-E DRYER REMARKABLE BARGAIN!

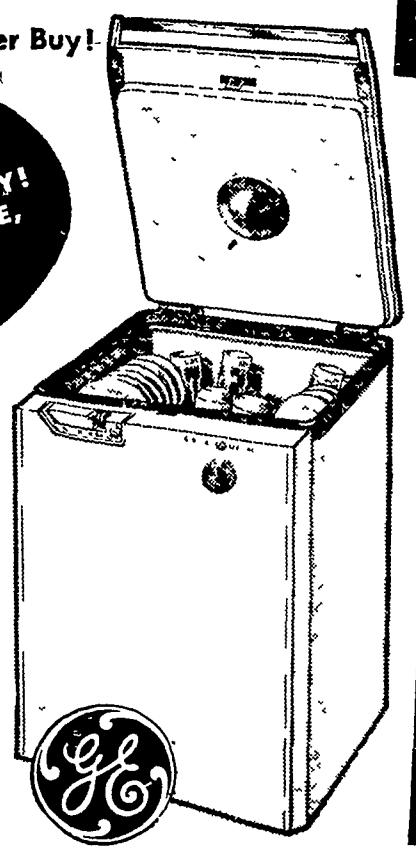


Variable time dry control. Fluff Cycle. Friction Door Latch and big lint trap. Counter high and deep. DE420A

$99.

A Great G-E Dryer Buy!

14 TABLE SETTINGS WASHED AUTOMATICALLY! IT'S PORTABLE, TOO!



No more hand rinsing or scraping of dishes and silverware. Now do it the quicker, easier . . . cleaner . . . way. By simply plugging in your G-E portable dishwasher. SM100A

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L. H. BRUBAKER

350 Strasburg Pike, Lancaster

Phone: Lanc. 397-5179 — Strasburg 687-6902 — Lititz 626-7766

● For The Farm Wife

(Continued from Page 8)

1¼ cups graham cracker crumbs
3 tablespoons sugar
6 tablespoons butter or margarine, melted

Filling:

1½ packages (8 ounce packages) cream cheese
2 eggs
½ cup sugar
½ teaspoon vanilla
1 pint soured cream
1 cup cranberry relish

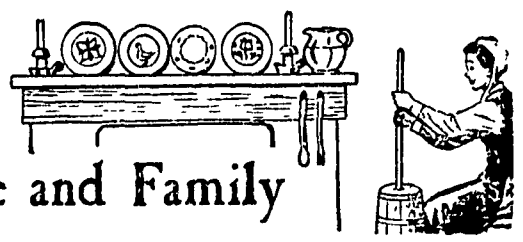
Combine crumbs and sugar in medium sized bowl. Stir in melted butter until thoroughly blended. Pack mixture firmly into 9-inch pie pan and press firmly to bottom and sides. Bake in 350 degree oven 8 to 10 minutes Cool.

Let cream cheese soften at room temperature. Beat until smooth. Add eggs and beat well. Gradually mix in sugar and vanilla. Beat until light and fluffy. Fold in soured cream. Pour into cooled shell. Bake at 375 degrees for 30 to 35 minutes or until center is firm Cool Just before serving spoon cranberry relish over pie.

CRANBERRY ORANGE SPICE CAKE

½ cup shortening
1 cup sugar
1 egg, beaten
1 cup raisins
½ cup nut meats
1¾ cups sifted all purpose flour
¼ teaspoon salt
1 teaspoon soda
1 teaspoon baking powder
1 teaspoon cinnamon
½ teaspoon cloves
1 jar (14 ounces) cranberry orange relish

Cream shortening and sugar, add egg Stir in raisins and nuts. Combine dry ingredients and sift; add to raisin mixture Stir in cranberry relish. Bake at 350 degrees for about 1 hour in greased tube pan, or in 2 greased 8-inch layer cake pans for about 30 to 40 minutes.



For the Farm Wife and Family

Ladies, Have You Heard? . . .

By: Doris Thomas, Extension Home Economist

THOMAS

Freeze Broilers For Convenience

You can freeze broilers whole, in halves, or in pieces, but they take less space in the freezer if you cut them into serving pieces before freezing. Also pieces are more convenient to handle than a whole bird.

Wrap pieces of a cut-up bird separately first, then put pieces in convenient size packages and freeze. Wrap tightly in a moisture-vaporproof material to prevent the meat from drying out

To save freezer space, package only meaty pieces You can cook bony pieces, remove the meat and use at once or freeze with the concentrated broth.

Giblets are best used fresh But if you freeze them, put in a separate package.

Darkened bones sometimes develop in young frozen poultry—an effect of freezing on the red coloring matter of the red blood corpuscles in the bone This darkening detracts from the appearance but does not affect the keeping quality or flavor of the meat.

Good To Know Anytime

Check the label before buying a carpet or rug. The label will state exact fiber content, where the carpet was made, and the manufacturer's name Also it may state special treatments, such as mothproofing. Save all carpet and rug label for future reference to patterns numbers or colors—you'll find the information helpful.

Impulse buying can wreck a good food budget To protect your grocery spending against this pitfall, head for the store with a shopping list A check on food store advertisements will help you plan the list and menus that will take advantage of the food specials.

The nutrients most often lacking in teenage diets are calcium and ascorbic acid. One reason for the calcium deficiency is not enough milk. Too few vegetables and fruits result in a deficiency of ascorbic acid

Read The Warranty

When you buy an appliance, read the warranty carefully so you will know what responsibility the manufacturer takes for repairs and replacements. Buy the product of a manufacturer represented by a reliable service organization convenient for your use.

Frey Cow Named Gold Medal Dam

J Mowery Frey and Son of Lancaster, Pennsylvania have been notified by Holstein-Friesian Association of America, that their Registered Holstein cow, Wightwick Glenafton Rachel 3290633 (92), has earned Gold Medal Dam recognition.

The award comes for outstanding milk production, pleasing body type, and the ability to transmit these attributes to her offspring. "Rachel" has been scored an 'Excellent' cow in the type classification program of the Holstein Association

"Rachel", now 14 years old, has 10 official records and a lifetime production output of 150,049 lbs of milk and 6,131 lbs of butterfat.

She has three registered daughters and one son that meet or exceed qualification standards for body type, the three daughters also meet production qualification levels.

The daughters are: Fultonway Emperor Starlight (82) with five records averaging 13,324 lbs. of milk and 577 lbs. of butterfat, Fultonway De Ormsby Polly (82) with two records averaging 15,555 lbs. of milk and 560 lbs of butterfat, her twin sister Fultonway De Ormsby Molly (82), also with two records averaging 16,136 lbs of milk and 622 lbs. of butterfat, and Fultonway records averaging 19,941 lbs. of milk and 760 lbs. of butterfat

The records of all daughters are given as a 305 day, 2X mature equivalent figures for comparison purposes The registered son is Fultonway Schoolmark (85), born in 1959

'Rachel's" recognition as a Gold Medal Dam entitles her name to appear on the Holstein Association's roster of "super brood cows" of the breed.

Parents spend the first part of a child's life getting him to walk and talk. The rest of his childhood is spent in getting him to sit down and shut up.

FARM BUREAU'S "QUALITY" PETROLEUM PRODUCTS

GASOLINE — DIESEL FUEL
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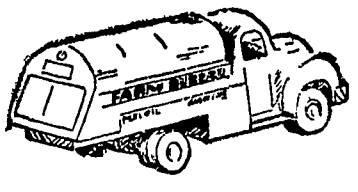

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New Holland - 354-2146
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Egg Marketing Council Formed

With the aim of strengthening Pennsylvania's egg industry in the face of mounting competition, State Agriculture Secretary Leland H. Bull has appointed an Egg Marketing Advisory Council.

The 14-man council, comprising leaders of all segments of the state's egg industry, has been asked to develop an aggressive marketing program for improving Pennsylvania's multi-million dollar egg business.

At an organizational meeting, council members named Samuel Berenson, of Hanover, chairman; Allen Shade, of Spring Glen, vice chairman, and K. M. Souders, of Coatesville, secretary.

Other members are Harry Ulrich, of Harrisburg, R3; Clarence F. Manbeck, of Fredericksburg; Eugene S. Schlosnagle, of Carlisle; Lee Frey, of Abbottstown, R1; John Landis, of Harleysville; George Anthony, of Strausstown; John Copenhaver, of Elizabethtown; David Shields, of Butler; William Wilson, of Lititz R3; Walter Weelock, of Chambersburg R5, and Paul Konhaus, of Mechanicsburg R1.

The group will recommend a broad marketing and promotion plan to Secretary Bull. High on the list of objectives is the development of new egg products, intensified consumer education, and strict quality control regulations at every step from producer to retailer.

Pennsylvania last year was the nation's third most important egg producing state. Total production of 3.1 billion eggs was valued at $101 million.

● Holstein

(Continued from Page 1)

Sales Representative, and Everett Newswanger, Kinzer, News Reporter.

Elvin Hess Jr., Strasburg, is continuing his term as State Director.

Fulton Grange No. 66 Meets

Fulton Grange No. 66 met Monday night at their hall at Oakryn, Pa. Plans were made to go to Atlantic City Saturday, Nov. 14 via the bus the Lancaster County Pomona Grange is taking to the National Grange convention.

The Community Service Committee is asking members to bring Christmas gifts to the next meetings for the Embreeville and Harrisburg State Hospitals.

Miss Carol Sensenig, New Providence, will be sponsored by Fulton Grange in the Miss Solanco contest Nov. 28.

Mrs. Jesse Wood, Lecturer, presented the following program: Group singing of Patriotic songs led by Clair Murphy accompanied by Mrs. Adaline Edwards; Reading "Wit, Humor and Nonsense" by the Lecturer; Norman Wood showed colored slides of his recent trip to Alaska, Japan, China, Philippines and Hawaii. Gyles Brown, Master, gave a report of the Penna. State Grange convention held Oct. 26-29 at Wellsboro, Pa. Eight members of Fulton Grange attended the convention.

The next meeting of Fulton Grange will feature Corn and Pie Night. There will be two classes for corn: best single ear and best ten ear exhibit. Pie classes will be apple, plain and spiced pumpkin.

● Guernsey

(Continued from Page 1)

high 2-year old producer in both milk and fat on Mormont Bright Bonnie with 13,099 lb. of milk and 675 lb. of fat;

Penn-Del Pin Love Sue, was the top 3-year old for milk with 13,099 lb., owned by Raymond and Louise Witmer; John N. Landis had the top record for fat in this class with 689 lb. on Carl-Ann Farm Ronnie's Betsy;

B. Snavely Garber and Son, Willow Street, had the highest milk and fat record on the 4-year-old-and-over cow with 15,573 lb. of milk and 806 lb. of fat produced by Har-Len A. Mary Bell;

The largest increase in herd average milk production was 746 lb. for Harry S. Mumma, Manheim R1;

The highest Guernsey herd average with 40 or more cows was the herd of Raymond and Louise Witmer, with 12,312 lb. of milk and 609 lb. of fat; The top herd of less than 40 cows was J. Rohrer Witmer, Willow Street R2 with 11,003 lb. of milk and 569 lb. of fat.

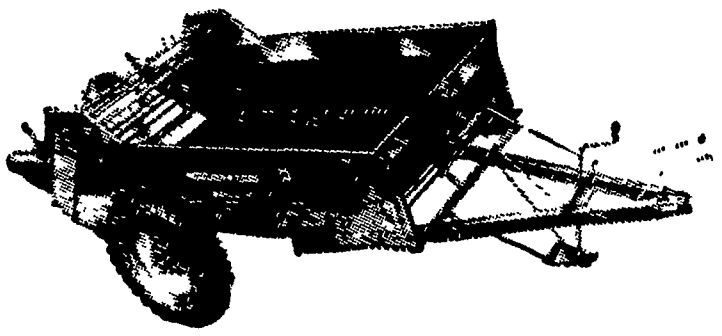
Featured speaker of the evening was Buzz Garey of Morrisville, Bucks County, Pa., the auctioneer of the Butterfat Sales. He spoke about current problems and events.

Robert Brenneman, Headdale, president of the Association, presided at the meeting.

Special Discounts

While They Last

McCORMICK P.T.O. SPREADERS



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GATE SIZES FROM 4 to 16 FOOT

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NEED A SCHOLARSHIP?

PP&L Offers 23

High school seniors, don't miss an opportunity to get a college education. With each passing day, graduation from college becomes an increasingly important key to your future.

Recognizing this growing need for advanced education and that a large number of young people find it impossible to carry the full cost of going to college, PP&L, in line with its responsibility as a corporate citizen, offers 23 undergraduate scholarships in the colleges and universities listed on the right. These scholarships cover only courses of study which lead to a bachelor's degree and the scholarships are in varying amounts to recognize the different educational costs at these 21 institutions.

If you are a high school senior who will graduate in June, and your parents are PP&L customers whose principal address is in the Company's service area, you are eligible to apply.

Ask for a scholarship brochure and application form at your high school or nearest PP&L office. Read the materials carefully. Discuss PP&L's program with your principal or guidance counselor. Submit your application to the colleges to which you are applying. In awarding PP&L scholarships, the listed schools will consider scholastic ability and financial need and will apply other customary criteria. Winners will be notified by the individual schools.

PP&L SCHOLARSHIP SCHOOLS

Bloomsburg State College—$250 or $300*
Bucknell University—$1,350
Cedar Crest College—$1,300
Dickinson College—$1,450
East Stroudsburg State College—$250 or $300*
Elizabethtown College—$1,100
Franklin & Marshall College—$1,450
King's College—$950
Kutztown State College—$250 or $300*
Lafayette College—$1,350
Lehigh University—$1,450
Lock Haven State College—$250 or $300*
Lycoming College—$1,050
Marywood College—$750
Messiah College—$900
Millersville State College—$250 or $300*
Moravian College—$1,150
Muhlenberg College—$1,250
Susquehanna University—$1,100
University of Scranton—$950
Wilkes College—$900

Depending on course of study

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Potatoes Planted In Wheat Stubble Seedbed

The neighbors were skeptical when they saw researchers planting potatoes in wheat Stubble. Although they recognized immediately that eliminating seedbed preparation would materially reduce production costs, they wondered if it was practical.

It was. ARS agricultural engineer G. W. French and University of Minnesota soil scientist G R. Blake found that potato yields and quality were about equal in 3-year tests on untilled and conventionally plowed plots.

Plowed plots yielded less than the no-tillage treatment in all but 1 year, when yields on fall-plowed and untilled plots were equal in a season with high May rainfall.

French and Blake compared five tillage treatments: No tillage (potatoes planted in undisturbed wheat stubble), fall plowing, spring plowing, fall deep tillage, and spring deep tillage.

Their experiments, conducted at the Red River Valley Potato Growers Research Farm near Grand Forks, N. Dak., were on plots that had been in spring wheat the previous season.

Spring and fall plowing was to a depth of 6 inches, and spring plowing and spring deep tillage were completed 1 to 4 days before planting. Points of the deep chisel plow were spaced 11 inches apart and penetrated the soil 8 to 10 inches.

French reported no difficulty planting directly in stubble in 1961 and 1962. But in 1963 the amount of straw was much greater, and it frequently clogged the furrow-opener disks on the planter and interfered with the first cultivation. The straw did not hinder subsequent cultivations, however.

The no-tillage treatment delayed those plants that normally would have emerged first, French found, but the overall emergence of the crop was not affected

Cultivation completely controlled weeds on all plots.

Early weed growth was much greater on the unplowed plots, although there was no apparent difference between plots after the second cultivation. The furrow openers and covering disks of the planter removed the weeds in the rows; cultivation eliminated weeds between rows.

The type of tillage did not markedly affect the operation of the potato digger. But both deep tillage and plowing, when done in the spring, seemed to result in more clods, which may be picked up with the potatoes at harvest time.

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ONE FEEDING KILLS RATS OVERNITE!
KILLS MICE ALSO. Will not kill humans, pets or poultry!
ENOUGH TO KILL 9 RATS for only 35c
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For best results use several packages first baiting

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They will grow to be good big trees in your time.
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To put exclamation points on your landscape.
Normal growth 30 - 40 ft. in 5 yrs.

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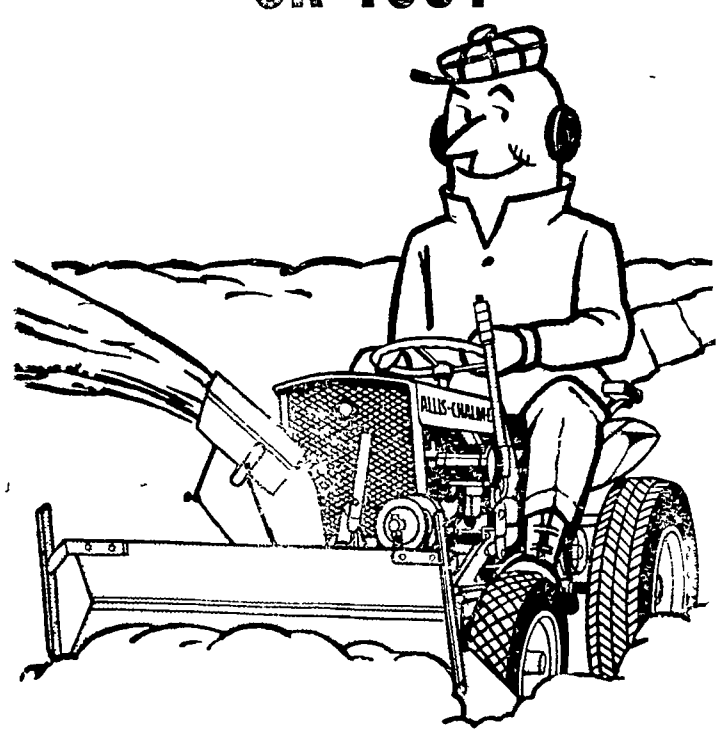
THIS WINTER'S WINNER: SNOWMAN?

OR YOU?



Just arrived! Bigger power! Put all the odds on your side. With a new B-10 Allis-Chalmers snow machine. Big power, plenty strong.

And you can get tools for the B-10 just like a farmer buys his implements—all kinds, for summer, fall, spring.

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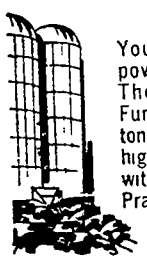
FUNK'S G-HYBRIDS MAKE GREAT SILAGE



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NEXT YEAR'S STATE PLOWING CONTEST TO BE HELD AT HERSHEY

Next year's Pennsylvania State Plowing Contest will be held August 28 at Hershey, Jack R Grey announced recently, following a meeting of the State Plowing Committee at which he was elected president

Grey, deputy state secretary of agriculture, succeeds Charles M Wolgemuth, Hershey, head of the 1964 meet that was held at Fort McCoid in Franklin county

Elected with Grey were Charles B Slaton, vice president, and Charles F. Lebo, secretary, both Harrisburg, and N. H Wooding, University Park, as treasurer.

In selecting the August 28 plowing date the committee endorsed a proposal by the Pennsylvania Grassland Council. The council will conduct a 1965 statewide Forage Progress Day at Hershey on August 27.

Having the two events at the same location and on successive days, it was explained, will suit the convenience of commercial exhibitors and other persons interested in both affairs.

The forage and plowing programs will be held on the 10,000 acre M S. Hershey Estate Farms, and at a location that has marked the site of other similar activities in recent years.

Honorary plowmen titles were voted by the committee for Daniel W. Rumler, host farmer at the 1964 contest; his farm manager, Paul R. Keafer, and John Z. Shearer, Chambersburg, Franklin county agricultural agent.

Each of this year's winners, Jesse C. Krout, Jr., York RD 1, level land champion, and Raymond L. Swope, Greencastle, contour champion, was granted an extra $75 first prize money. They represented the state at the 1964 National Plowing Matches, September 17 to 19 at Fargo, N D.

PA. GRASSLAND CONFERENCE SET

The 5th Annual Pennsylvania Grassland Conference will be held in the assembly room at the Nittany Lion Inn, State College, Pa on November 23 - 24, 1964.

An excellent meeting has been planned for the two-day affair with top authorities on hand to discuss all phases of grassland farming.

A sample of the scheduled talks reads like this· A forage program built on facts, R. D. Horrocks, Forage and beef — the Indiana way, M. E Heath (Purdue); a panel discussion on "The Alfalfa Outlook"; another panel discussion on "If Not Alfalfa, What?", forage handling from storage to cow; and so on

No advance registration will be necessary, but anyone needing hotel or motel accomodations should make them early A list of accomodations can be obtained from C M Wolgemuth, Secretary Pennsylvania Grassland Council, Hershey Farms, Hershey, Pa.

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Dairy Barns
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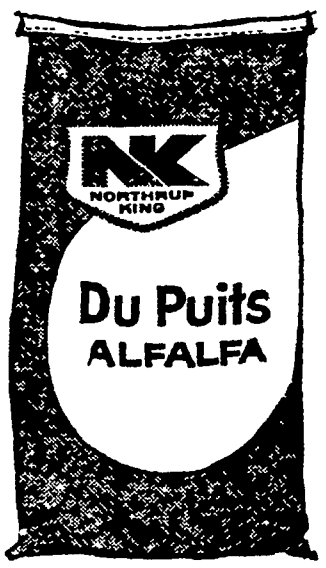
Farm Credit Office Adds New Field Rep.

It was announced recently by Carl Brown, Manager of the Lancaster Farm Credit Office, that Robert P. Bucher of Leola has been employed as a Field Representative, to service southern Lancaster County.

He replaced Rodger W. Carpenter who resigned to accept a position as Manager of the Farm Credit Office, Coudersport, Pa.

Bucher is a native of Fulton Township, and is the son of Mr. and Mrs. Paul Bucher, New Providence. He is a graduate of Solanco High School, attended Penn State University, and recently completed hi stour with the Armed Services.

Want an extra cutting?
PLANT NOCULIZED® DU PUITS ALFALFA



High yielding—exceptional yields in short rotation.
Quick recovery—often gives one extra cutting because of its unusual vigor and early maturity.
Outstanding vigor—consistently thicker stands, more vigorous plants.
Disease resistant—leafspot resistant, holds leaves longer for higher protein feed.
NOCULIZED®—seed already inoculated and ready to plant.

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Feeders Say . . . "The Most Economical Feeding Plan of All"
No trouble with scours or stop going off feed. You'll be more than satisfied with our feeding program for you'll get healthy stock, fast gains at low cost. Remember, it's a FEED LOT PROVEN TANVILAC CULTURE PRODUCT FOR BY FARM-FEEDING PURPOSE.
USE ONLY ½ LB. SPECIAL TANVILAC PER HEAD PER DAY WITH GRAIN AND ROUGHAGE — GET BIGGER PROFITS
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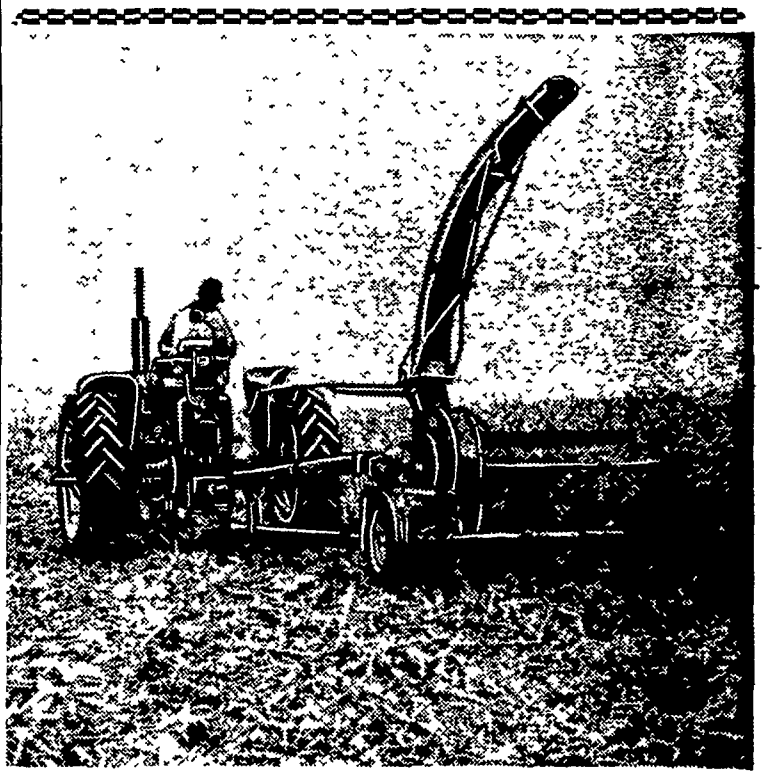
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John Deere Rotary Choppers
Stubborn stalks become bits and pieces when you take after them with a 5-foot 15-A or 6-foot 16-A Rotary Chopper. Chopping stalks not only makes plowing easier but helps control insect pests. These rugged choppers also bring pasture to the cows, make silage, clear light brush, handle many other jobs. Stop in for full details.
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26 COWS and 1ST-CALF HEIFERS
21 BRED HEIFERS — 1 YEARLING

A Baby Bull Calf out of a cow with 20,480 lbs. MILK, 733 lbs. FAT

The cows are young and have records up to 12,557 M, 4.1%, 507 F. Dams of bred heifers have records up to 18,070 M, 4.2%, 754 F.

There's A Lot of Fall Milk Here!

Vaccinated — Accredited — Certified
Catalogs and Lunch at the Sale

TOM P. WHITTAKER, Sale Mgr.
BRANDON, VT.

Cattle And Beef Exports High

Prospects are good that U.S. beef and cattle exports, particularly exports of feeder cattle and veal calves, will continue at a high level in 1965, Secretary of Agriculture Orville L. Freeman said today in a progress report on the beef export development program that began last May.

This favorable outlook, Secretary Freeman said, is the result of continued heavy demand for meat in Western Europe, coupled with short supplies in most producing countries other than the United States.

The Secretary announced that George L. Mehren, Assistant Secretary of Agriculture for Marketing and Consumer Affairs, will leave Nov 6 on a second beef promotion trip to Europe

Strong consumer demand for beef has minimized the European price drop that had been expected this fall, according to USDA analysts. Instead of the price declines of as much as 4 cents per pound that had been forecast, prices have dropped only 1 to 1½ cent since mid-August, with virtually no drop in Italy and Belgium Luxembourg. At the same time Argentina's offer prices on beef to Europe have risen, reflecting declining supplies in that country.

The United States, with its beef supplies at an all-time high, is benefiting from these recent changes in the supply-demand situation, the Secretary said.

During the first eight months of 1964, U S exports of chilled and frozen beef and veal amounted to 14 5 million pounds, more than three times the amount shipped in the same period a year earlier. During the same period U S. imports of beef and veal dropped 20 percent, and they will be down about 25 percent for the year as a whole.

● Chicago

(Continued from Page 2)

smooth Commercial 14 00, Canner and Cutter 10 25-12 50

Bulls: Cutter to Commercial closed at 15 50-17 50

Feeders. Trading on feeder classes fairly active, prices fully steady. Several loads and lots Mixed Good and Choice 700-900 lb steers 17 35 20 50. couple of loads Choice 400-500 lbs 22 50 22 75

Better a good enemy than a bad friend.

Your Friendly Banker

You probably don't think of your cows as bankers, but if you put them on the Pioneer Feeding Program, they can be a sure source of steady, extra income. The goal of this high-nutrient feeding program is simple — more milk per cow. According to dairy specialists, 9 out of 10 cows don't get enough feed, or the proper kind of feed, to produce up to their genetic capacity. If this is the case with your herd, you may be getting 2,000 pounds of milk less, per cow per year, than you should. The Pioneer Feeding Program is based on increasing feed allowance as long as milk production increases **profitably.** For example, as little as 600 pounds of feed invested in a dry cow returns as much as 2,000 pounds of milk. Your milking herd will respond equally well when you challenge them to milk right up to their capacity. **We'll be happy to show you how you can milk your cows for all their worth. We've done it for your neighbors in this community.** Just give us a call or stop in We're friendly, too.

RED COMB PIONEER
SINCE 1870

. . . feeds you can bank on

Joseph M. Good & Son
Leola

Good's Feed Mill
New Providence

Hiestand Inc.,

Marietta

Invites you to see for the first time the New Controlled Floor Egg System

An Open House will be held at the John Henry Brubaker Farm, located 1 mile East of the Donegal High School on the Pinkerton Road

Featured is the new windowless controlled environment house with the New Storm Eggomation System and Controlled Floor Plan.

This is the first house of this type in the East.

Don't miss this opportunity to see an all new system that let's one man handle up to 30,000 layers.

Hiestand, Inc. will show you all these advantages on Tuesday, November 17, from 9 A.M. to 4 P M. at the Brubaker farm.

Free refreshments will be served.

PUBLIC SALE

— OF —

VALUABLE FARM EQUIPMENT

Saturday, November 21, 1964

On the premises on the former Kurtz Farm along Route 222 at Cloister Dairy, Lancaster County, Pa.

1957 Minneapolis Moline Tractor
with 3-point Hookup, and New Tires

1942 Ferguson Tractor with Sauder Loader Attachment

1941 W. C. Allis Chalmers Tractor; John Deere Trip 3-bottom Mounted Plow; Sauder Loader with Snow Scoop; 3 point Hookup Dearborn Disc Harrow; Wood Bros. Pull-type Corn Picker; Ford No. 150 Baler, 2 yrs. old; Hauck Bilt Manure Spreader, side discharge like new; Dearborn rear mounted 3-point Cultivator; P.T.O. Grass Mower, 2 McCormick Deering Side Rakes and Tedders; Ferguson Corn Planter, 7 ft. Cultipacker, 2 Rubber Tire Farm Wagons, T 50 P.T.O. International Baler; Irrigation Outfit consisting of: 3 in. Gorman-Rupp Pump, 300 ft. 5 in. Pipe, 640 ft. 4 in. Pipe, 12 Sprinklers (like new); Acorn Barn Cleaner in operation in 3 stables, to be removed; 6 can Milk Cooler, 50 gal. Water Heater, Surge and Perfection Vacuum Pumps; 20 in. Barn Fan with Thermostat; Milk Cans, and Can Rack; Poultry Equipment like new; Bale Box, Tobacco Ladders on 2-Wheel Trailer; Dairy Wash Tubs.

2-STORY 30 x 20 FRAME SHED, and 30 x 15 FRAME SHED, to be removed.

FARM TRAILER, Work Bench, Tobacco Spears and Sheats, Knipco Space Heater, Electric Motors, Feed Bin, Wheelbarrow, Wire Farm Gates, Used Lumber, and Window Frames and Sash, lot of 1st and 2nd Cutting Alfalfa Hay, and Straw, lot of Small Barn Tools, Cow Chains, Small Brooder House, some Household Goods, and many other articles used on the Farm. FARM HAS BEEN SOLD.

SALE at 12:30 P.M.

H. H. LEID, Auctioneer **Terms by ROBERT H. GOOD**

Lunch stand on the premises.

PUBLIC SALE

— Of —

FARM MACHINERY AND HIGH GRADE HOLSTEINS

½ mile North of Quarryville off Rte. 222 to Fairview, Providence Twp., Lancaster County, Penna.

Friday, Nov. 20, 12 Noon

COMPLETE DISPERSAL OF DAIRY CATTLE

20 cows, 6 bred heifers, 6 yearlings, 1 yearling bull

Barbara	3 yr.	18,107M	533F	305 DA
Linda	5 yr.	16,389M	830F	396 DA
Jenny	4 yr.	16,100M	637F	314 DA
Wanda	5 yr.	12,793M	558F	344 DA
Joyce	4 yr.	13,653M	555F	338 DA
Ruth	3 yr.	13,491M	501F	248 DA

TB Accredited and bangs certified. Can go anywhere day of sale. Years of SPABC breeding.

7 Fresh, balance in all stages of lactation.

271 New Holland Baler (used 3 month), New Holland 5 bar rake, New Holland wagon with high sides, New Holland manure spreader (new webb), 1 Grove wagon with 5 ft. sides for fodder, AC 7 ft. mower (6 month old), John Deere Spring harrow, Easy-flo lime drill, Cross elevator hay and corn (1 yr. old), 1959 Dodge V-tag, 2 speed rear, new tires and bed (good), Forney Welder, 180 amp., welding table, 300 gal. Esco stainless steel milk tank (Walker), approved with stamp, 50 gal. Rheem water heater, Surge vacuum pump, 2 yrs. old with 2 unit Universal milkers, double stainless steel wash tubs, buckets and strainer, 1½ ton metal feed bin, 2 feed carts, 1 a new Jamesway metal cart.

50 ton first cutting alfalfa, 40 ton second cutting, 20 ton straw.

Other articles not mentioned.

Terms by

ISAAC L. HERSHEY

Kreider and Diller, Aucts.

Lunch Available

PUBLIC SALE

OF VALUABLE REAL ESTATE, FARM MACHINERY AND BEEF CATTLE

SATURDAY, NOV. 28, 1964

Located in East Hanover Township, Lebanon County, Pa., ¾ mile southeast of Grantville, along Route 22.

132-ACRE FARM

11 acres in permanent pasture, 4 acres woodland, 2¾ acre lake, Balance in high state of cultivation. Improvements thereon consist of 12 room log house for 2 family living. First floor — 5 rooms, bath and modern kitchen. 2nd Floor — 5 rooms, bath, and modern kitchen. Attic. Cemented basement. Oil fired hot air furnace. Electric water heater. Summer house with cold cellar.

90'x48' bank barn with 48'x80' feeder cattle shed, 9 horse box stalls, 12'x44' silo, corn shed, 2 steel corn cribs, 6 car block garage and implement shed. Never failing well with deep well pump, water piped to all buildings. All buildings are in excellent state of repair. This property will suit the particular buyer. Don't miss seeing this property sell.

CATTLE

35 head mixed breeds, feeder steers weighing 800 lbs.

FARM EQUIPMENT

John Deere 2D10 row crop tractor, fully equipped, like new; John Deere M-T tractor with cultivator, John Deere 15x7 single disc grain drill, New Holland 77 baler, John Deere No. 5 tractor mower, John Deere Rubber tire side delivery rake, John Deere hay conditioner, Mulkey 40 ft. elevator, John Deere wagon with bed, John Deere 246 corn planter, John Deere KBA 28-20 disc harrow, Massey Harris 2—16" trailer plow, Leroy single roll packer, 12 ft. weeder, tractor field sprayer, New Idea No. 12 tractor spreader, spring tooth harrow, drag, John Deere S-15 sub-soiler, Sears power corn sheller, New Holland tractor saw, Danuser 3 pt. hitch post hole digger, feed cart, 6 and 8 hole hog feeders, hog troughs, grass seeder, electric fencers and numerous other items.

15 tons mixed hay, 15 ton ear corn, 200 bu. barley.

Sale to Commence at 12:00 P.M.
Real Estate Selling at 2:00 P.M.
For inspection call Shellsville 469-2965.

Conditions by

EARL NEIDIG

Owner, Route No. 1, Grantville, Pa.

EARL S BUFFENMEYER — Auctioneer.
ZUG and LERCH — Clerks
JAMES R KOLLER — Attorney.

Dairy Products Increased

Ice milk and Italian-type cheese sparked a 5 per cent increase in the manufacture of dairy products in Pennsylvania in 1963, according to the Federal-State Crop Reporting Service.

The volume of milk used in manufacturing dairy products last year — 2,170 million pounds — was an all-time high for the Keystone State. The previous record, set in 1962, was 2,056 million pounds.

Ice milk production continued to expand — for the 19th consecutive year — with 1963 volume reaching 11.4 million pounds. That was 9 per cent more than in the previous year. Ice cream production of 71.1 million gallons was about the same as in 1962.

PUREBRED GUERNSEY SALE

Thursday, Nov. 19, 12:30 Noon
At the Ass'n. Sales Pavilion, 6 mi. E. of Lancaster, Pa., on Rt. No. 30
75 HEAD — 3 BULLS — 37 COWS — 26 BRED AND 9 OPEN HEIFERS

Nearly all fresh or due within 30 days of sale date.
Vacc. T.B. and Bang's Cert. Dehorned

A good part of the consignments come from an old established herd from Eastern Shore, Md., in business for 50 years, high records, popular blood lines.

This is one of the largest sales we have had this year which will offer you an unusual fine opportunity to pick your choice from the many good ones. They will make you money from the day you get them home.

Consignments from popular breeders in Pa., New York, New Jersey, Delaware, and Maryland. It will pay to come early and get the inside dope from the consignors. They will be glad to give you the facts.

The bulls are of service age, popular blood, with high production back of them.

SALE MANAGED BY:
PENNA. GUERNSEY BREEDERS' ASS'N.
P. O. BOX 458 CAMP HILL, PA. 17011

Real Estate

"FOR SALE: 148 acre farm in Bradford County, north-central Penna, 100 acres tillable now seeded and in good condition. Barn and house both in good state of repair, red shale and clay soil with plenty of diversion ditches and drain tile laid. 25 acres wooded with considerable saw timber, wonderful water supply from mountain springs with gravity feed. Price is $20,000 and well worth it. 80% can be financed for right parties at 5% interest with $100. per month payments. Harold F. French, Broker, 2 Canton Street, Troy, Pa.

Poultry & Supplies

Famous CHIX-CINERATORS. Efficient disposal of dead chickens, turkeys or other small animals by cremation. 30 day guarantee or money refunded. Hiestand, Inc. Ph. 426-9301.

Overshot Farm

CLAYTON G. SHARPE COMPLETE MILKING HERD DISPERSAL

Nov. 16th at 12:30 P.M.

LACEYVILLE, PENNSYLVANIA

Farm located in Wyoming County, Pa. — From Tunkhannock take Rt. 6 to Laceyville, turn left on the detour of Rt. 6, then a right on the detour — watch for signs six miles southwest of Laceyville. Route will be marked from Laceyville to farm.

50 Head

Average age of herd is about four years.

10 Head Fresh — 18 Due November To January

8 Bred Heifers Due November To January

1964 Herd Ave.: 13,296 M and 513 F

5 Head Over 600 F - 15 Head Over 500 F - 18 More Over 400 F

Daughters Of These Sires Sell

Woodbourne Lass Reflection	3	Strathaven Eminent	3
Pabst Comet Wayne Prilly	3	Shaws Fern Tidy Lass	2
Woodbourne Inka Reflector	1	Hays Inspiration	2

SERVICE SIRES INCLUDE - -

Skokie Marathon Boy - 6 — Rosni Conqueror Korndyke Fobes Maview Dunloggin Direct

WRITE FOR MORE INFORMATION

INKA PIETJE VEEMAN (EX-95-GMD)
Her son, Reflector, has a daughter selling. The son of her "EX" daughter, Lass, also has daughters selling.

HAYS INSPIRATION
Most of the herd is sired by Overshot Hays Inspiration, a son of Hays Inspiration and Overshot Duke Raphael, a son of Coyuellhead Emperor Raphael.

— Some Of The Features Selling —

OVERSHOT BECKY EMINENT
A daughter of Strathaven Eminent with 623F at 4y and 611F at 5y.

OVERSHOT SPOT REFLECTION
A daughter of Woodbourne Lass Reflection with 17,517M and 603F at 3y.

OVERSHOT JOAN RAPHAEL
She has 12,125M and 473F at 2y and 15,997M and 605F at 3y.

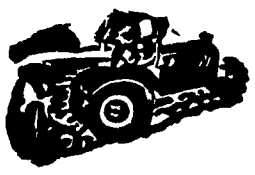
OVERSHOT LASS INSPIRATION
She has 571F at 4y, 636F at 5y and 692F at 6y.

Visitors are welcome to inspect the herd at any time. Up-to-date production credits will be available. Herd health in excellent and up-to-date. None of the cows selling have had previous udder trouble, ketosis or milk fever.

Clayton G. Sharpe, RD 2, Laceyville, Penna.

R. AUSTIN BACKUS, INC.

Sales Managers and Auctioneers
Mexico, N. Y. (Ph. WO-37231)



Classified Ads

Farm Equipment

Hammer mills, feed grinders and mixers, new and used spreaders, loaders and flail choppers, 2 & 3 point blades and tractor chains.

KEENER EQUIP. CO.
Phone 569-9861
1531 Manheim Pike
Lancaster, Pa.

For Sale — 1 used 200 gal. Girton bulk tank. Also used milk coolers.

CLARK ELECTRIC
R1, Kinsers, Pa.
Ph. Intercourse 768-8501

180 Amp. Lincoln Welder, New Price $95.00. Hiestand, Inc., R1, Marietta. Ph: 426-9301.

For Sale — Balboa Rye for seed.

C. MARTIN GREENLEAF
R. D. 1, Oxford, Pa.
Phone Kirkwood LA 9-2704

Household Goods

Tappen gas ranges, Norge appliances, Quaker oil heaters and bottled gas service.

BENJ. SHENK
Lampeter, Pa.
Phone 397-2486

MISCELLANEOUS

We specialize in barn painting and tree trimming, using ariel ladder.
Also help needed for this work. No experience necessary. Part time considered. For information call C. Ralph Miller, 665-3398.

WATER

As a rule can find a good spot for a well, measure the depth and make a good guess whether it will produce 2, 5, 10, 20, 40 or 80 gallon per minute. Contact David B. Fisher, R1, Box 118, Christiana, Pa., 1½ miles East of Kirkwood.

Livestock For Sale

ATTENTION: Dairy Farmers — just received 200 close and fresh cows from Wisconsin — 1st and 2nd calf heifers — Holsteins, also some 3rd calf cows. Artificial animals, bred for high production. Drop us a card and we will come see you at your farm for arrangements or give us a phone call. Cash or credit. I. GREENBURG & SON, Mount Holly, N. J. Telephone — AMherst 7-1101 Code 609.

Help Wanted

Dealerships available for men with farm background introducing Growers Fertilizer Solutions to area farmers. Good opportunity for farmers in the winter months. Send information to Eastern State Distributing Co., R. D. 2, Lititz.

Since 1935 . . .
Your Dependable

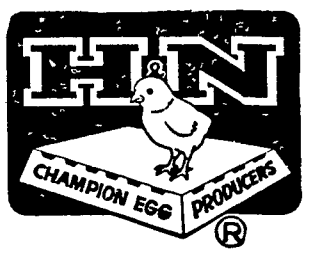
SALES EVERY TUESDAY

Poultry & Supplies

Egg washers, new and used. We repair all makes. Hiestand, Inc., Marietta R1, Ph. 426-9301.

DAY-OLD & STARTED
VANTRESS
BROILER CHICKS

Longenecker's Hatchery
Elizabethtown, Pa.
EM 7-1545



Florin Farms, Inc.
R. D. 1, Mt. Joy
653-9891

TWO FINE LAYERS

Babcock B-300—A high speed layer featuring excellent livability and good early egg size.

Babcock B-370—A California Grey by White Leghorn cross featuring white eggs and ability to take stress.

Both of these strains perform well in either cages or high density floor operations.

Write for free literature and prices.

BABCOCK HATCHERY, INC.
R. D. #3, Lititz, Penna.
Phone: 626-5872
Area Code 717

Now is the time to have your dairy barn or chicken house air conditioned by Vent-O-Matic. Control ventilation without drafts. All installation guaranteed. Also other used fans. Also Chore Time poultry equipment. Hiestand, Inc., Marietta R1, Ph. HA 6-9301.

14.7c - LOWEST COST

That's the lowest price yet that our new custom hatching service costs our customers per Legnorn Pullet chick If you want to save dollars on your favorite Leghorn breed call 392-2192.

MARTIN'S HATCHERY
2823 COLUMBIA AVE.
LANCASTER, PA.

YOU ASKED FOR IT!

A high quality
30 cent pullet chick

Keystone Hatchery
2556 Creek Hill Rd.
LANCASTER

Call Leola 656-7851
to place your order now.

Layers
Greider Leghorn Farms, Inc.

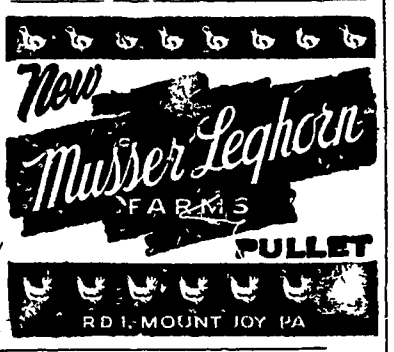
Phone 653-2455
MOUNT JOY R. 1, PA.

For Sale — DeKalb started pullets. Phone DeKalb York Hatchery, York 8-1770 or DeKalb District Sales Office, Lancaster 394-5157.

KimberCHIKS
from Hubbard Farms
MAKE MONEY
K-137

HUBBARD FARMS
Chicks

LANCASTER, PENNA.
392-2154



SPECIAL

STOCKER AND FEEDER SALE

at Vintage Sales Stables, Inc.

FRIDAY EVENING, NOV. 20, 1964

At 7:30

Kenneth E. Hershey, Manager

Lancaster Farming Ads Pay !

PUBLIC SALE

— Of —

VALUABLE FARM MACHINERY
PERSONAL PROPERTY

Saturday, November 21, 1964

at 11:00 A.M. Sharp

At R. D. #2, Conestoga, Pa. in Manor Twp. on river road next to Turkey Hill Dairy. The undersigned will offer at public sale the following —

FARM MACHINERY

1952 Ford tractor with mounted plows, mounted corn picker, pickup harrow, manure loader, disc, mower, 1941 John Deere tractor with cultivators and plows, mounted corn planter, 2 farm wagons on rubber, 1 farm wagon on steel wheels, New Holland 66 baler, New Idea No. 12 manure spreader, New Idea side delivery rake, 28 ft. conveyor, one-row tobacco planter tobacco ladder, 1500 tobacco lath, platform scales, DeWalt power saw, Irrigation plant with 800 ft. of 2 inch pipe and 7 sprinklers, mounted saw for John Deere tractor, land roller, drag harrow, lime spreader, scalding trough, extension ladder, block & tackle, 2 butcher stoves, chain saw, outboard motor, electric motors, pipe vise, anvil, elec. brooder, grindstone, bricks, tool box, one hole corn sheller, small tools, David Bradley 12 inch hammermill 20 inch planer, small hog house, small brooder house, approx. 300 bales of hay, approx. 300 bales of straw, approx. 500 bushel of ear corn.

PERSONAL PROPERTY

1952 8 Cyl. 4 dr. Pontiac Sedan with heater, General Electric refrigerator, breakfast set, washing machine, player piano and lots of rolls, Singer sewing machine, bed, crib, upright sweeper, several 9 x 12 rugs, table, lamps, odd chairs, curtains, several rockers, dresser, bedroom suite, buffet, rotary power mower, butcher tools, bench, kitchen cabinet, drop leaf table, antiques consisting of dry sink, cradle, old locks, cider mill, 2 iron kettles, jugs, crocks, dishes and many other articles too numerous to mention.

Terms: Cash
Not responsible for accidents on day of sale.
Refreshments available by ladies from the Creswell Church.

AARON M. FRY
Owner

Jacob A. Gilbert, Auctioneer
Gilbert & Frey, Clerks

PUBLIC SALE

— Of —

VALUABLE
FARM MACHINERY AND
PERSONAL PROPERTY

FRIDAY, NOV. 27, 1964

at 12 Noon

At Emigsville, Pa. on York County Industrial Park Corp. Farm. The undersigned will offer at public sale the following —

John Deere A Tractor, John Deere B Tractor, cultivators, Smoker 26 ft. conveyor, John Deere two-row corn planter, Oliver drill, New Holland rubber tire wagon, John Deere rubber tire wagon, New Idea manure spreader, side delivery rake, John Deere combine, New Holland baler, New Idea one-row corn picker, wagon, John Deere Kilfer disc, pulverizer, John Deere disc, John Deere 3 bottom plow, John Deere 2 bottom plow, stalk shredder, four section spring harrow, three section spring harrow, New Holland corn sheller, peg harrow, weed sprayer, alfalfa drill, two wheel dump trailer, two tobacco ladders, tobacco press, tobacco transplanter, poultry equipment, air compressor, electric clippers, grain bags, 2 platform scales, bag truck, step ladder, extension ladder, 3 can milk cooler, scalding trough, gas tank, milking pump, can rack, electric fence charger, garden tools, small tools, 85 gal. hot water heater, kitchen range, some household goods and antiques and many more articles too numerous to mention.

Terms: Cash
Not responsible for accidents on day of sale.
AUCTIONEER'S NOTE: The above listed machinery is in very good condition.

JOHN M. EMIG
Owner

Jacob A. Gilbert, Auctioneer
Phone Red Lion 246-5056
Irvin F. Mundis, Clerk

Why Layers Need Calcium

According to Werner J. Mueller, Penn State University, in the August issue of Poultry Digest, 5 to 7 per cent of all eggs produced are broken during handling and marketing

The average egg shell contains about two grams of calcium If a hen produces 250 eggs per year she has a requirement of about 500 grams of calcium to put shells on all of them. Since the total calcium in the hen's body weighs only 25 grams, she must put 20 times more calcium into shells than the entire calcium content of her body

In 1960 the National Research Council recommended raising the calcium content of laying rations from 2 25 to 2 75 per cent A number of researchers were not satisfied that even this amount was sufficient Idaho workers, for example, recommended a calcium level of 3 75 per cent for temperatures below 70 degrees, and 4 5 to 5 per cent for temperatures above 70 degrees

Simply increasing the amount of calcium in the feed is not the whole answer The efficiency of calcium utilization is not 100 per cent If the feed is low in calcium, the hen may utilize up to 80 per cent of it. However, as the calcium content of the diet increases, the efficiency is reduced drastically and may go as low as 20 30 per cent

A safe assumption is that about 50 per cent of the calcium is utilized. Therefore, if the bird needs two grams of calcium a day, it is necessary to feed four grams.

The next problem is feed consumption. If the bird consumes 200 grams of feed a day she can get by with two per cent calcium.

If her feed consumption drops to 100 grams a day, she must have a four per cent calcium diet to get her needed four grams. So it can readily be seen that it is the amount of calcium that the hen consumes that is important, not the percentage in the feed. The smaller the feed intake, the higher the per cent calcium must be to take care of the hen's daily needs.

Environmental temperature is another complicating factor As the temperature is increased from 55 to 90 degrees, feed consumption drops about one third Therefore, assuming other factors remain constant, the amount of calcium included in the diet at 90 degrees must be one-third more than at 55 degrees.

Two other factors that further confuse this calcium picture are individual variations due to rate of production and egg size.

The disadvantage of trying to include the maximum amount of calcium in the diet is that it upsets the balance of the other nutrients. For example, if the limestone being used contains 39 per cent calcium, and it is desired to provide a feed with five per cent calcium, 250 pounds of the calcium supplement would have to be added to each ton of feed.

The simple solution to this complex problem is to feed calcium in the form of oyster shells or some other readily consumed form This works well for floor birds It becomes more difficult when dealing with cage birds

Mueller recommends that if it is impossible to feed supplemental calcium then it would be best to include 3-3.5 per cent in the mash when temperatures are below 70 degrees, and to increase the level to 3.5-4 per cent when temperatures are above 70 degrees Care must be taken, he warns, to include all other nutrients in adequate amounts to prevent a decline in egg production, egg size, or hatchability.

Bull & Tabor Chairmen Of Farm-City Week

Two department heads in the state government—Leland H. Bull, Secretary of Agriculture, and John K. Tabor, Secretary of Commerce, will serve as honorary co-chairmen of Farm-City Week, Nov. 20-26, according to Jack R. Grey, general chairman.

Grey, deputy state Secretary of Agriculture, today said both honorary chairmen will be closely identified with this year's observance, the theme for which is "Discover the New Pennsylvania through Farm-Ctiy Week."

Particular emphasis, he stated will be placed upon the Commonwealth's program for promoting its economic growth, a project that embraces all Pennsylvanians.

Secretary Bull, a former Pennsylvania chairman of Farm-City Week, has been active in this effort for better rural-urban relations from the time the movement originated ten years ago.

Appropriate activities are being planned in most Pennsylvania counties under the direction of county chairmen, many of whom are the county agricultural agents.

An international observance, Farm-City Week will be an occasion for encouraging better acquaintance and understanding between farm people and city residents throughout the United States and Canada.

DEKALB
THE ROYALTY OF POULTRY

Order DEKALB PULLETS
Day Old or Up To
Twenty Weeks Old From
DUTCHMAN MILLS, INC.
R. D. 1, STEVENS, PA.

Top Dress Your Alfalfa Now
0-14-14
0-20-20
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Use Our Spreader Service
ORGANIC PLANT FOOD CO.
GROFFTOWN RD., NEXT TO WATERWORKS
Ph. 392-4963 or 392-0374

HORNCO FEEDS - - - The Growing Choice Of Business Farmers

Do You Depend On Your Feed Serviceman To Guide And Help You?

If you are like many farmers you do, because a top notch serviceman can bring you valuable information, new ideas and extra profit.

HORNCO SERVICEMEN ARE TOP NOTCH

They are thoroughly trained in the latest agricultural practices. They attend numerous meetings and spend many hours reading to increase their knowledge so they can better serve you.

Hornco Servicemen attending a poultry meeting.

LEARN TO KNOW YOUR HORNCO MAN — HE IS EAGER TO SERVE AND HELP YOU!

HORNCO FEEDS

Ask your neighbor what he thinks of his Hornco Serviceman.

D. E. Horn & Co., Inc. York, Pa. Ph. 854-7867